hereby certify that this paper is being deposited with the United States lostal Service "First Class Mail" on the date indicated below and is oddressed to the Comm. of Patents and Trademarks, Washington, DC 20231 DECLARATION AND POWER OF A" As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below patent is sought on the invention entitled "REGULATED APOPT" [] is attached hereto [X] was filed on August 18, 1994 as Application Serial No. 08 I hereby state that I have reviewed and understand the content including the claims, as amended by any amendment referred to a content application in accordance with Title 37, CFR 1.56(a). I hereby claim foreign priority benefits under Title 35, USC 119 or inventor's certificate listed below and have also identified by claimed:	ow next to my name atter which is claim OSIS" the specificat /292,597. If of the above-identabove. If to the examination of any foreign appliance for interesting applications and appliance for interesti	tified specification, on of this ication(s) for patent
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	ipplication on which	at phoney =
Prior Foreign Application(s)		Priority
	Date Filed	Claimed
Number Country		
All designated	2/14/94	<u>Yes</u>
PC1/U594/01017 All designated	7/18/94	<u>Yes</u>
PC1U594700000		
I hereby claim the benefit under Title 35, USC 120 of any Uniinsofar as the subject matter of each of the claims of this application in the manner provided by the first paragrathe duty to disclose material information as defined in Title 3 which occurred between the filing date of the prior application filing date of this application:	iph of little 33, 030	Pogulation, 1.56(a)
Appln. Ser. No. Filing Date	Status	
16 July 1993	Pending	
U6/U53.422 7 Ianuary 1994	Pending	
08/179.143 / january 1275		

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David L. Berstein, Reg. No. 31,235 ARIAD Pharmaceuticals, Inc. 26 Landsdowne Street Cambridge, Massachusetts 02139 617-494-0400 Ext. 266

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the United States Code and that such willful imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

alse statements may jeoparume
Full name of first inventor Gerald R.C. Calltree Inventor's signature 7 Durham Road, Woodside, CA 94062 Citizenship USA Gerald R.C. Calltree Date /0 - 20 - 9 4 / O -
Full name of second inventor Stuart L. Schreiber Date 10-31-94 Inventor's signature
Full name of third inventor David M. Spencer Inventor's signature Date 115 East Edith Avenue, Los Altos, CA 94022 Residence USA 345 ARBOLEOG OR 9402Y Citizenship USA
Full name of third inventor Thomas J. Wandless Date 31 \ X 99 \ Residence Harvard University, Dept. of Chemistry, 12 Oxford Street, Cambridge, MA 02138 Citizenship USA
Full name of third inventor Inventor's signature Residence Harvard University, Dept. of Chemistry, 12 Oxford Street, Cambridge, MA 02138 7 Citizenship —USA—CANADA PTI SomeRulue MA 02147 RESIDENCE

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number <u>08/292,597</u>.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

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Check one: X no such applications have been filed. __ such applications have been filed as follows

(Application Serial No.)	(Filing Date)	(Status)
08/179.748 (Application Serial No.)	07 January 1994 (Filing Date)	ABANDONED (Status)
08/093,499 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931 (Application Serial No.)	12 February 1993 (Filing Date)	_ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Donald W. Manald	Reg. No. 33,978 Reg. No. 35,430 Reg. No. 36,709 Reg. No. (see attached)	Charles H. Cella John C. Gorecki Edward J. Kelly Sayoko Blodgett-Ford Anita Varma	Reg. No. 38,099 Reg. No. 38,741 Reg. No. 38,936 Reg. No. 40,516 Reg. No. P-43,221
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Patent Group Send Correspondence to:

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Gerald Crabtree	Date
nventor's signature	
Residence CA 94602	
Residence 7 Durham Road, Woodside, CA 94602 Citizenship	
TICA	
Post Office Address (if different)	
Full name of second inventor	
Stuart Schreiber	Date
Inventor's signature	
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
TICA	
USA Post Office Address (if different)	
USA Post Office Address (if different) Full name of third inventor	Date
USA Post Office Address (if different) Full name of third inventor David Spencer	Date
USA Post Office Address (if different) Full name of third inventor	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature	Date
USA Post Office Address (if different) Full name of third inventor David Spencer	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date
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Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	-
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	-
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Full name of fifth inventor Peter Belshaw	Date 2/17/98
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143 Citizenship	
Citizenship USA- CANADA POR Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Foley, Hoag & Eliot, LLP, law firm to prepare and prosecute patent applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to Jawfully reside in the United States, (ii) Isabelle M. Clauss' employment with Foley, Hoag & Eliot, LLP, law firm ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on a H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

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Karen L. Bovard, Director

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number 08/292,597.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one: X no such applications have been filed. __ such applications have been filed as follows EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority C Under 35	
			_Yes	No _
			_Yes	No _
			_Yes	No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 or §119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

08/196,043	11 February 1994	ALLOWED
(Application Serial No.)	(Filing Date)	(Status)
08/179 143	07 January 1994	ABANDONED

(Application Serial No.)	(Filing Date)	(Status)
08/179.748 (Application Serial No.)	07 January 1994 (Filing Date)	ABANDONED (Status)
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Full name of sole or first inventor	
Gerald Crabtree	Date
Inventor's signature	
Residence CA 04602	
7 Durham Road, Woodside, CA 94602	
Citizenship	
USA	
Post Office Address (if different)	
Full name of second inventor	
Stuart Schreiber	Date

Full name of second inventor	
Stuart Schreiber	Date
Inventor's signature	March 11 1998
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
USA	
Post Office Address (if different)	

Full name of third inventor	
David Spencer	Date
Inventor's signature	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	
Citizenship	
USA	
Post Office Address (if different)	

Full name of fourth inventor Thomas Wandless	Date
Inventor's signature	
Residence 334 Grant Avenue, Palo Alto, CA 94306	
Citizenship USA Post Office Address (if different)	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

EARLIEST FO (6 MON	THS FOR DESIGN) PRI Application Number	OR TO THIS U.S. A Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
Country		(monayaa)))	_Yes No _
			_Yes No _
			_Yes No _
		<u></u>	

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08/196.043	11 February 1994	ALLOWED (Status)
(Application Serial No.)	(Filing Date)	ABANDONED
08/179.143	<u>07 January 1994</u>	TOTAL

Full name of fifth inventor Peter Belshaw	
Inventor's signature	Date
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship USA	
Post Office Address (if different)	





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Expires: April 16, 1998

Karen L. Bovard, Director

Attorney's Docket Number: <u>APV-317.03</u>
(Formerly ARIAD 317C)

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Check one: X no such applications have been filed.

_ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

EARLIEST FOR (6 MONT	HS FOR DESIGN) PRI Application Number	OR TO THIS U.S. A Date of Filing (month,day,year)	Priority C Under 35	laimed USC 119
Councy		(montages),	_Yes	No _
			_Yes	No _
			_Yes	No _
				O MONTHS

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 or §119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

(Manufacture)	11 February 1994	<u>ALLOWED</u> (Status)
08/196,043 (Application Serial No.)	(Filing Date)	
08/179.143	07 January 1994	ABANDONED
00/11/24		

(Application Serial No.)	(Filing Date)	(Status)
08/179.748	07 January 1994	_ABANDONED
(Application Serial No.)	(Filing Date)	(Status)
08/093,499	16 July 1993	_ABANDONED
(Application Serial No.)	(Filing Date)	(Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931	12 February 1993	_ABANDONED_
(Application Serial No.)	(Filing Date)	(Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sayoko Blodgett-Ford	Reg. No. 38,099 Reg. No. 38,741 Reg. No. 38,936 Reg. No. 40,516 Reg. No. P-43,221
	John C. Gorecki Edward J. Kelly Sayoko Blodgett-Ford

Send Correspondence to: P

Patent Group

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ull name of sole or first inventor	Date	
erald Crabtree nventor's signature		
IACIIMT 2 2-8		
Residence Durham Road, Woodside, CA 94602		
Citizenship		
270 4		
DSA Post Office Address (if different)		
Full name of second inventor		
Full name of second inverse Stuart Schreiber	Date	
Inventor's signature		
Residence 434 Marlborough Street, Boston, MA 02115		
434 1/11		
Citizenship		
Citizenship USA		
TTC A		
USA Post Office Address (if different) First pame of third inventor		
USA Post Office Address (if different) First pame of third inventor	Date 1 - 198	
USA Post Office Address (if different) First pame of third inventor	Date 2/(3/98	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature L17/95	Date 2/(3/98	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature L17/95	Date 2/(3/98	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	Date 2/(3/98	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date 2/13/98	
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Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	Date 2/(3/98	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different)		
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless Inventor's signature		
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless		

Full name of fifth inventor	
Peter Belshaw	Date
Inventor's signature	
	_
Residence MA 02143	
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship	
USA	
Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRACEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Foley, Hoag & Eliot, LLP, law firm to prepare and prosecute patent applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to lawfully reside in the United States, (ii) Isabelle M. Clauss' employment with Foley, Hoag & Eliot, LLP, law firm ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on a H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

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m L Sm (Karen L. Bovard, Director

Attorney's Docket Number: <u>APV-317.03</u> (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: <u>August 18, 1994</u>, as U.S. Serial Number <u>08/292,597</u>.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one: X no such applications have been filed.

__ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(6 MONTH	GN APPLICATION (S FOR DESIGN) PRI Application Number	OR TO THIS U.S. A Date of Filing (month,day,year)	PPLICATION Priority Conder 35	laimed USC 119
Country	ТФР	(monui,day, your)	_Yes	No _
			_Yes	No _
			_Yes	No _
			U THAN 1	2 MONTHS

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION
* * * *

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

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identified nerchi.	1004	ALLOWED
08/196,043	11 February 1994	(Status)
(Application Serial No.)	(Filing Date)	ABANDONED
(r4P-s	07 January 1994	_ABANDONDO
08/179.143	Vien	

(Application Serial No.)	(Filing Date)	(Status)
08/179,748 (Application Serial No.) 08/093,499 (Application Serial No.) 08/092,977 (Application Serial No.) 08/017,931 (Application Serial No.)	07 January 1994 (Filing Date) 16 July 1993 (Filing Date) 16 July 1993 (Filing Date) 12 February 1993 (Filing Date)	ABANDONED (Status) ABANDONED (Status) ABANDONED (Status) ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office

Donald W. Mulitors	Reg. No. 33,978 Reg. No. 35,430 Reg. No. 36,709	Charles H. Cella John C. Gorecki Edward J. Kelly Sayoko Blodgett-Ford Anita Varma	Reg. No. 38,099 Reg. No. 38,741 Reg. No. 38,936 Reg. No. 40,516 Reg. No. P-43,221

Send Correspondence to:

Patent Group

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are. punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Gerald Crabtree	Date .
nventor's signature	
Residence 7 Durham Road, Woodside, CA 94602	
Citizenship	
USA Post Office Address (if different)	
Full name of second inventor	Date
Stuart Schreiber Inventor's signature	Date
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
TICA	
Post Office Address (if different)	
Full name of third inventor David Spencer	Date
Inventor's signature	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different)	
Citizenship USA Post Office Address (if different)	
Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	
Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless Inventor's signature	- Date ₁ a 正 1998
Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless Inventor's signature Residence 334 Grant Avenue, Palo Alto, CA 94306	- Date ₁ a 正 1998
Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless Inventor's signature	Date ₁ a 正 1998

Full name of fifth inventor Peter Belshaw	Date
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143	·
Citizenship USA Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

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This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

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H W Karen L. Bovard, Director

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number 08/292,597.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

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Check one: X no such applications have been filed. __ such applications have been filed as follows

(Application Serial No.)	(Filing Date)	(Status)
08/179,748 (Application Serial No.)	07 January 1994 (Filing Date)	ABANDONED (Status)
08/093.499 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931 (Application Serial No.)	12 February 1993 (Filing Date)	ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Connected therewith. Donald W. Muirhead Beth E. Arnold Matthew P. Vincent Isabelle M. Clauss	Reg. No. 33,978 Reg. No. 35,430 Reg. No. 36,709 Reg. No. (see attached)	Charles H. Cella John C. Gorecki Edward J. Kelly Sayoko Blodgett-Ford Anita Varma	Reg. No. 38,099 Reg. No. 38,741 Reg. No. 38,936 Reg. No. 40,516 Reg. No. P-43,221
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Patent Group Send Correspondence to:

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ull name of sole or first inventor	Date
erald Crabtree nventor's signature Continue Conti	2/12/98
Residence Durham Road, Woodside, CA 94602	·
Citizenship	
USA Post Office Address (if different)	
Full name of second inventor	Date
Stuart Schreiber Inventor's signature	Date
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship USA	
Post Office Address (if different)	
Post Office Address (if different)	
Post Office Address (if different) Full name of third inventor	Date
Post Office Address (if different)	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature	Date
Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	Date
Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	
Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	Date
Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless Inventor's signature	
Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	

Full name of fifth inventor	Date
Peter Belshaw	
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143	
41 Lewis Street #1, some	
Citizenship	
USA	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

Karen L. Bovard, Director



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

President and Fellows of Harvard College, the Assignee of certain rights, titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

granted and appoints the applications and transe	Reg. No. 38,099		
Donald W. Muirhoad	Reg. No. 35,430 Reg. No. 35,430	John C. Gorecki	Reg. No. 38,471 Reg. No. 38,936 Reg. No. P-40516 quare, Boston, MA
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all of the Patent Group of Foley, Hong & Eliot IIP at One Post Office Square, Boston, MA 02109.

Of file r average	-	ey, Hoag & Eliot HF at One 1010	FILING DATE	DOCKET NO.
APPLICATION	Serial No.	TITLE REGULATED APOPTOSIS	18 August 1994	APV317.03 (formerly ARIAD)
Gerald Crabtree et al.	08/292,597	REGUERICA	7006	317C) APV316.04
	08/196,043	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER	11 February 1994	(formerly ARIAD 316C)
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Gerald Crabtree et al.	08/388,653	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER		31 0 D)
		PROLOGICALEVELVE	7 June 1995	APV316.07 (formerly ARIAD
	08/478,386	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER		316D-DV)
Crabtroe et al		BIOLOGICAL EVENTS		is Revocation and

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/196,043 (APV516,04).

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Hovce Brinton

PRINT OR TYPE NAME OF PERSON SIGNING

Time Harry Uneversity



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

Sic

Board of Trustees of the Leland Stanford Junior University, the Assignee of certain rights. titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

Donald W. Muirhead	Reg. No. 33,978	Charles H. Cella	Reg. No. 38,099
Beth E. Amold	Reg. No. 35,430	John C. Gorecki	Reg. No. 38,471
Matthew P. Vincent	Reg. No. 36,709	Edward J. Kelly	Reg. No. 38,936
	9	Sayoko Blodgett-Ford	Reg. No. P-40516

all of the Patent Group of Foley, Hoag & Eliot LLP at One Post Office Square, Boston, MA 02109.

APPLICANT	SERIAL NO.	Title	FILING DATE	DOCKET No.
Gerald Crabtree et al.	08/292,597	REGULATED APOPTOSIS	18 August 1994	APV317.03 (formerly ARIAD 317C)
Gerald Crabtree et al.	08/196,043	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	11 February 1994	APV316.04 (formerly ARIAD 316C)
Gerald Crabtree et al.	08/388,653	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	14 February 1995	APV316.05 (formerly ARIAD 316D)
Gerald Crabtree et al.	08/478,386	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	7 June 1995	APV316.07 (formerly ARIAD 316D-DV)

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/196,043 (APV316.04).

416,1997

PRINT OR TYPE NAME OF PERSON SIGNING

DIRECTOR

TITLE

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4	licent	Gerald R	Crabtree et al			
A]	pplicant: erial No.:					OPY
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	•	VERIFIED STAT	EMENT (DECLAR FR 1.9 (f) and 1.27(ON - SMALL BUS	INESS CONCER	N
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-	doclar	e that I am an of	ficial of AKIAD PI	laimacca		
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the United States Code, and that such willful imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Title Vice Address ARI	d L. Berstein President, Chief Patent Coun AD Pharmaceuticals, Inc., 26 I	sel andsdowne Street, Cam Date	oridge, MA 02139 1854
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY OR AUTHORIZATION OF AGENTS

Commissioner for Patents Washington, DC 20231



Dear Sir:

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Ariad Pharmaceuticals, Inc., hereby revokes all previous powers of attorney and authorizations of agent previously granted to Foley, Hoag & Eliot.

The following attorneys or agents of the Patent Group at Ropes & Gray, and all other attorneys or agents affiliated with Customer No. 28120, are hereby appointed to prosecute applications and transact all business in the United States Patent and Trademark Office:

I hereby appoint Madeline F. Baer, Reg. No. 36,437; Steven J. Baughman, Reg. No. P-47,414; Johnny Y. Chen, Reg. No. 46,614; Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No.: 27,787, Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No.: 27,787, Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. No. 47,265 Parist Management of the No. 44,735; Daniel Hansburg, Reg. No. 36,156; Edward J. Kelly, Reg. No. 38,936; Robert A. Mazzarese, Reg. No. 42,852; Sanjay Sitlani, Reg. No. 47,558; Wolfgang Stutius, Reg. No. 40,256; Matthew P. Vincent, Reg. No. 36,709; as attorneys/agents to prosecute Sitlani, Reg. No. 47,558; Wolfgang Stutus, Keg. No. 40,230, Matthew 1. Vincency Reg. 110. 30,771 this application and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

Patent Group Ropes & Gray One International Place Boston, MA 02110-2624

The undersigned, whose title is supplied below, is empowered to sign this Revocation Customer No.: 28120 and New Power of Attorney on behalf of the Assignee.

The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/975,040.

Respectfully submitted,

Print or Type Name of Person Signing

SEMAR UP- CHIEF PAYENT COUNSEL